

CLAIMS

1. (Previously presented) A multilayer film or sheet comprising:
  - a.) a first co-extruded polymeric layer consisting essentially of an ionomer and a first additive; and
  - 5        b.) a second co-extruded polymeric layer consisting of an ionomer and a second additive;wherein the film or sheet is a thermoformable film or sheet having a thickness in the range of from about 8 mils to about 60 mils; the first co-extruded polymeric layer is surface layer; the second co-extruded layer is in contact with said first co-extruded  
10        polymeric layer; and the first or second additive is one or more UV stabilizer, UV absorber, antioxidant, thermal stabilizer, anti-stat additive, processing aid, fiber glass, mineral filler, anti-slip agent, plasticizer, nucleating agent, pigment, dye, flake, or mixtures thereof.
2. (Canceled)
- 15    3. (Previously presented) A multilayer film or sheet of Claim 1 wherein the ionomer consists essentially of a copolymer derived from ethylene and  $\alpha$ ,  $\beta$ -ethenically unsaturated  $C_3$  to  $C_8$  carboxylic acid; and said copolymer is partially neutralized with metal ions.
- 4-5. (Canceled)
- 20    6. (Previously presented) A multilayer film or sheet of Claim 1 wherein said first co-extruded polymeric layer is clear and said second co-extruded polymeric layer comprises the polymer and an additive selected from pigment, dye, flake, or mixtures thereof.
- 7-42. (Cancelled)
- 25    43. (Currently amended) An article comprising a substrate to which a multilayer film or sheet is adhered, wherein said multilayer film or sheet is the same as recited in claim 1, 3, 6, 54, 55, 57, 58, 59, 60, ~~61, 65, 66~~, 67, 71, or 72.
- 44-53. (Canceled)
54. (Previously presented) The multilayer film or sheet of claim 3 further  
30        comprising a third co-extruded polymeric layer in contact with said second co-extruded polymeric layer.
55. (Previously presented) The multilayer film or sheet of claim 6 further

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comprising a third co-extruded polymeric layer in contact with said second co-extruded polymeric layer.

56. (Cancelled)

57. (Previously presented) The multilayer film or sheet of claim 6 wherein the  
5 thickness of the multilayer film or sheet is about 12 to about 40 mils.

58. (Previously presented) The multilayer film or sheet of claim 54 wherein the  
thickness of the multilayer film or sheet is about 12 to about 40 mils.

59. (Previously presented) The multilayer film or sheet of claim 55 wherein the  
thickness of the multilayer film or sheet is about 12 to about 40 mils.

10 60. (Currently amended) The multilayer film or sheet of claim 3 ~~wherein the~~ having  
~~a thickness of the first co-extruded polymeric layer is~~ about 12 to about 40 mils.

61-65. (Cancelled).

66. (Previously presented) The multilayer film or sheet of claim 3 wherein the  
ionomer in the first co-extruded polymeric layer and the ionomer in the second co-  
15 extruded polymeric layer have flow properties that are matched to allow the ionomer  
in the first co-extruded layer and the ionomer in the second co-extruded polymeric  
layer, when co-extruded, flow to the full width of the die.

67. (Currently amended) The multilayer film or sheet of claim ~~64~~ 6 wherein the  
ionomer in the first co-extruded polymeric layer and the ionomer in the second co-  
20 extruded polymeric layer have flow properties that are matched to allow the ionomer  
in the first co-extruded layer and the ionomer in the second co-extruded polymeric  
layer, when co-extruded, flow to the full width of the die.

68. (Currently amended) The multilayer film or sheet of claim ~~65~~ 59 wherein the  
ionomer in the first co-extruded polymeric layer and the ionomer in the second co-  
25 extruded polymeric layer have flow properties that are matched to allow the ionomer  
in the first co-extruded layer and the ionomer in the second co-extruded polymeric  
layer, when co-extruded, flow to the full width of the die.

69. (Currently amended) The multilayer film or sheet of claim 1 wherein the first  
co-extruded polymeric layer has a Distinctness of Image (DOI) of at least ~~60~~ 80 and a  
30 gloss that exceeds 60% at a 20 degree angle.

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70. (Currently amended) The multilayer film or sheet of claim 6 wherein the first co-extruded polymeric layer has a Distinctness of Image (DOI) of at least ~~60~~ 80 and a gloss that exceeds 60% at a 20 degree angle.
71. (Previously presented) The multilayer film or sheet of claim 67 wherein the first  
5 co-extruded polymeric layer has a Distinctness of Image (DOI) of at least 80 and a gloss that exceeds 60% at a 20 degree angle.
72. (Previously presented) The multilayer film or sheet of claim 68 wherein the first co-extruded polymeric layer has a Distinctness of Image (DOI) of at least 80 and a gloss that exceeds 60% at a 20 degree angle.
- 10 73-82. (Cancelled).
83. (Previously presented) The article of claim 43 wherein the substrate is metal, polymer, or polymer composite.
84. (Previously presented) The article of claim 83 wherein the substrate is metal, polymer, or polymer composite and the substrate optionally has a printed design or  
15 pattern and said multilayer film or sheet is clear.